



ISMS

INTEGRATED STUDENT MANAGEMENT SYSTEM

SigmaBit Technology, Inc.'s Integrated Student Management System™ (ISMS) is the trusted choice of school administrators across Pennsylvania. Our student administration service is designed to meet the unique student information management and administration need of charter schools.

ISMS™ provides an easy-to-use integrated student management software system that streamlines administrative tasks throughout the entire school. Whether you are an administrator, technology coordinator, guidance counselor, secretary, teacher, or nurse our integrated school management system provides innovative tools to save you time and help you achieve your goals.

ISMS™ integrates the following modules to deliver premiere student administration services:



Attendance: Designed to handle the attendance requirements of charter schools of all sizes. From almost effortlessly recording attendance, to producing daily attendance bulletins and letters and documents, the attendance module simplifies a wide range of school attendance tasks.



Scheduling: Scheduling and master schedule building offers both simplicity and comprehensive results. Scheduling with ISMS is reliable and easy!



Grade Reporting: Helps faculty members quickly enter grades, comments, and details from their desktop so they can concentrate on teaching



Transcripts: Prints your report cards and transcripts in your preferred format.



Medical: Provides your school nurse with the tools to maintain necessary student information and speed her duties to allow him/her to focus more on student care.



Discipline: Our discipline management module simplifies the difficult and time consuming task of tracking student discipline and helps improve discipline by ensuring that students are held accountable for their actions.



Textbook Tracking: Feature rich module allows ease-of-use cataloging and tracking of the textbooks your school utilizes to educate your students.



Demographics: Our student profile module offers an amazingly flexible, easy-to-use module for managing student and contact information. Quickly produce paper and electronic correspondence, school, district and state reports, student ID cards and much more. Enjoy complete control over individuals' security and access privileges. Customize with user-defined edit screens, add hundreds of your own data fields with validation, set up your own filters, reports and labels. Maintain and easily access complete student histories.



State and Foundational Reports: Our reporting capabilities are unsurpassed in the industry. Our fully customizable built-in reports writers enable your school to produce the exact report you need - whether your staff needs a letter, notice, report card, statistical report, or other document. From our experience, most SIS systems offer limited report writing and even less opportunity to customize those reports. We know that robust report writing and statistical reporting is crucial to effective school management and security. Therefore, ISMS™ makes top of the line report writing a priority.

SigmaBit Technology, Inc. (STI) is a technology driven company with over 20 years experience servicing schools (public, technical, and charter), school districts, and boards of education in the United States with their educational, accounting, and student administration solutions. SigmaBit Technology, Inc.'s flexible, scalable technologies grow with the needs of the students and staff, supporting multiple implementation scenarios and allows them to rapidly meet market requirements. Their technology provides consistency and reliability that is key to a cost-effective and successful implementation. By observing the way technology is being adopted by the educational industry and by continuously monitoring how that technology really works, they are able to offer the right technological innovations at the right time.

STI is a leading provider of student management solutions that are:

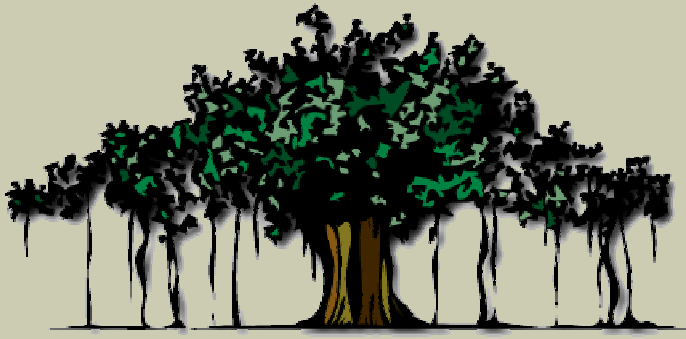
- Accessible on-demand from any location
- Easy to use
- Easy to implement
- Fully customizable to meet the need and size of your budget

From developing innovative products to providing premiere, customer centric customer support service, STI is dedicated to surpassing expectations in all aspects of our business.

For additional information, pricing, and/or demonstration of a proven, efficient system for simplifying your student administration needs at less cost than you are now spending for your current system you can contact us at:

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ATTENDANCE MODULE

Designed to handle the attendance requirements of charter schools of all sizes. From almost effortlessly recording attendance, to producing daily attendance bulletins and letters and documents, the attendance module simplifies a wide range of school attendance tasks.

- ➔ Allows multiple calendars to be assigned as attendance calendars.
- ➔ Easy interface to close or open days.
- ➔ Each attendance calendar can be customized to your specific needs as far as periods of attendance to be kept and whether or not to count half days.
- ➔ Up to (12) periods per day can be utilized.
- ➔ Three types of attendance entry are available.
- ➔ Multiple reports are available and can be customized many different ways.
- ➔ Transfers keep track of student entry, exit, and changes in grade and rooms.
- ➔ Standard transfer reports are available.
- ➔ Allows export of all reports to MS Excel or MS Word.
- ➔ Allows customization of attendance letters and updates the discipline module with this information.
- ➔ Easily track school attendance information for students and staff. The exact attendance data you need is always at your fingertips.
- ➔ Seamlessly integrated with the other modules.
- ➔ Built-in report writer to create a wide range of attendance reports and letters using attendance data.
- ➔ Attendance registers: Produce an attendance register meeting the legal requirements of virtually all states.
- ➔ Batch enter attendance codes for all students or for a specific group.
- ➔ Print Homeroom and Period Attendance Forms that allow teachers to mark students as absent, to enter later.
- ➔ Supports an unlimited set of user-defined attendance and reason codes.
- ➔ Customize the calendar to count each day the student attends.



Testimonials

"This is by far the biggest time-saver in my 12 years of teaching."

Stephanie L, Teacher

"The easy to use interface allows me enter and generate attendance reports with a click of a button. I love it."

Lisa G, Teacher

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SCHEDULING MODULE

Scheduling and master schedule building offers both simplicity and comprehensive results. Scheduling with ISMS is reliable and easy! Create master schedules with confidence using our automatic, interactive and walk-in schedule builders. Produce standard schedules or team, block, rotating, 6-term, 4-quarter schedules as well as many other alternative term configurations. Create schedules for students, teachers and rooms. Track course adds, drops, and replacements and notify your staff of any changes.

- ➔ Allows up to (40) mods in a day.
- ➔ Allows up to a (10) day cycle.
- ➔ Allows up to (8) semesters.
- ➔ Multiple master schedules.
- ➔ Allows manual assignment of schedules, computer scheduling by groups and computer scheduling from students.
- ➔ Blazingly fast scheduling algorithms.
- ➔ Easy access to all phases of the scheduling process.
- ➔ Allows export of all reports to MS Excel and MS Word.
- ➔ User definable time periods for building a master schedule.
- ➔ Standard scheduling reports.
- ➔ Allows export of all reports to MS Excel or MS Word.
- ➔ Simplifies master schedule creation, with powerful automatic, interactive and walk-in schedulers that maximize your resources.
- ➔ Dramatic reduction in the time it takes to complete scheduling; a pass through the scheduler takes just minutes.
- ➔ Targeted information is provided at each stage of scheduling allowing for better, more informed decisions



Testimonials

"We scheduled our classes and students in little time compared to our old system which took months."

Diana F, Administration

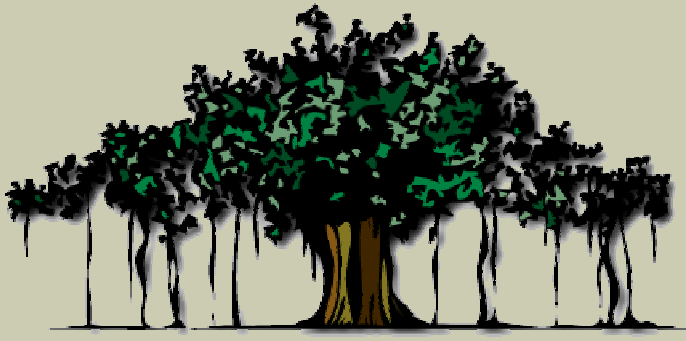
"Scheduling classes this year will take me hours saving me time that I can now spend on other tasks that require my attention."

Alan R, Administration

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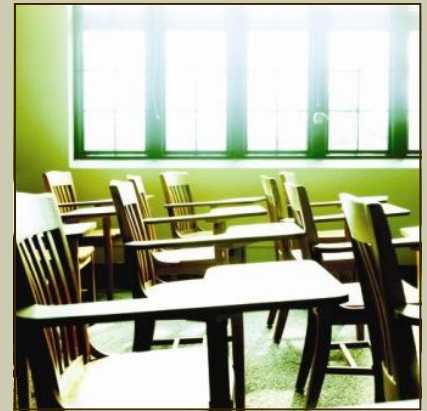
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GRADE REPORTING MODULE

Grade Reporting is our module for managing and editing grades, generating grade-related reports, and producing customized report cards, honor rolls, and transcripts. With the Grade Reporting module, your staff can design and print professional-looking report cards in both traditional and skills-based formats.

- ➔ Allows up to (3) types of marks (i.e. Achievement, Conduct, and Effort).
- ➔ Allows comments for each subject for each marking period.
- ➔ Allows an unlimited number of report card comments.
- ➔ Allows an unlimited number of marking periods.
- ➔ Allows courses to be assigned to different marking periods.
- ➔ Allows any combination of alpha and numeric grading for a course or courses.
- ➔ Honor Roll, awards, and failure calculation and reporting.
- ➔ Interim grades.
- ➔ GPA calculations.
- ➔ Missing marks reports.
- ➔ Generic report card available.
- ➔ Ideal for PK-12 schools, school districts and charter schools of any size.
- ➔ View and edit students' grades for any year.
- ➔ Design and print beautiful report cards for grades PK-12.
- ➔ Design and print customized report cards, transcripts and honor rolls with the information and style you choose.
- ➔ Use the built-in report writer to insert graphics, watermarks, and school or district emblems.
- ➔ Design and print report cards in a wide variety of formats, including folded, legal and multi-page formats.
- ➔ Print report cards with narratives and comments from one or multiple teachers.
- ➔ Calculate honor rolls and class rankings using the criteria and ranges you choose.
- ➔ Use with our integrated module for printing skills and competencies on report cards.
- ➔ Use with both letter or number grading systems.



Testimonials

"I never have to average grades manually anymore, and when it's report card time, I just click a button and my grades go to the report card. This is the best!"

Sara S, Teacher

"ISMS has provided an excellent tool for managing grades."

Gretchen C, Administration

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TRANSCRIPT MODULE

Handles all your school's and/or district's needs from maintaining grades, producing progress reports, analyzing grades, printing report cards, to tracking progress towards graduation and generating permanent transcripts. Our highly flexible grading system gives you the freedom to use your school's grading scheme, and to compute GPA and honor roll according to your school's rules.

- ➔ Prints your report cards and transcripts in your preferred formats.
- ➔ Prints a variety of attendance reports and attendance worksheets.
- ➔ Automates many reports you create regularly.
- ➔ Provides enhanced reporting capabilities with a fast query and powerful, flexible report generator.
- ➔ Prints custom statements about student academic performance.
- ➔ A basic transcript or report card you can use as a starting point for adding details and customizing the appearance based in your needs.

NAME	GRADE	COURSE	GRADE	COURSE	GRADE	COURSE	GRADE
...

NAME	GRADE	COURSE	GRADE	COURSE	GRADE	COURSE	GRADE
...

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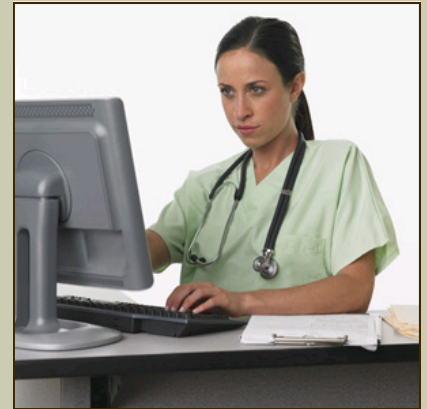
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MEDICAL MODULE

Facilitating positive health outcomes is critical in helping students succeed academically. Providing your school nurse with tools to maintain necessary student information and speed his/her duties allows him/her to focus more on student care. Whatever the size of your school or school district, the system's robust features, customizable design and affordable pricing make it the ideal solution for managing student health records.

- ➔ Easily customize selections, screenings, and immunizations to your needs.
- ➔ Record dates of illnesses and hospitalizations.
- ➔ Confidentiality: Accessible only by users with security rights.
- ➔ Easily enter student, home, and contact information.
- ➔ Customizable user rights.
- ➔ User-customizable fields.
- ➔ Group processing to speed up redundant tasks.
- ➔ Health History: Narrative section with full word processor feature.
- ➔ Easily customize selections to your needs.
- ➔ Record dates of illnesses and hospitalizations.
- ➔ Confidential history: Accessible only by users with security rights.
- ➔ Easily enter student, home, and contact information.
- ➔ Customizable user rights.
- ➔ User-customizable fields, such as to whom students should not be released.
- ➔ Group processing to speed up redundant tasks.
- ➔ Seamlessly integrates with the other modules within ISMS.



Testimonials

"The easy-to-use interface makes me more efficient."

Sally M, Nurse

"I don't know how I kept and maintained my student records before ISMS."

Betty O, Nurse

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DISCIPLINE MODULE

Our discipline management module simplifies the difficult and time consuming task of tracking student discipline and helps improve discipline by ensuring that students are held accountable for their actions.

The discipline module lets educators document and track disciplinary incidents, maintain related records, notify parents of infractions, and produce reports, notices, forms and other documents. Ideal for schools of all sizes and grade levels, the module is packed with features that help you efficiently handle discipline-related tasks.

- ➔ Allows an unlimited number of incidents and consequences to be defined.
- ➔ Maintains a log of all actions that generates consequences.
- ➔ Allows for the creation of predefined consequences for all disciplinary incidents.
- ➔ Allows for modifications to the actions for each incident for each student.
- ➔ Parent-teacher conferences.
- ➔ Detention/suspension tracking and reporting.
- ➔ Incident history by student.
- ➔ Summary of incidents by: grade, date, and student.
- ➔ Allows the user to export of all reports to MS Excel or MS Word.
- ➔ Ideal discipline module for schools of all sizes and school districts.
- ➔ Instantly access any student's complete disciplinary history when speaking with parents.
- ➔ Document multiple discipline incidents, follow-up actions, teacher comments, incident locations, and the students and staff involved.
- ➔ Create incident reports containing multiple discipline incidents.
- ➔ Automatically track outstanding penalties students owe for single incidents or annual penalty totals. The module also automatically records the penalties students have served.
- ➔ Print student discipline histories.
- ➔ Easily and quickly produce user-customized reports, including statistical analysis of discipline data, penalty reports.



Testimonials

"ISMS not only allowed us to track incidents but provided us with statistical analysis that helped our staff to decrease incidents that occurred within our school."

Todd R, Administration

"ISMS gave me the ability to easily document and report incidents so I could focus less on behaviors and more on teaching."

Maria S, Teacher

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TEXTBOOK TRACKING MODULE

Feature rich module allows ease-of-use cataloging and tracking of the textbooks your school utilizes to educate your students.

- ➔ Assign a textbook to a particular student.
- ➔ Assign unique identifiers for each item.
- ➔ Group items by code for reporting.
- ➔ Track costs and purchase dates.
- ➔ Track by location or individual student.
- ➔ Track student and teacher book assignments.
- ➔ Easy reporting features to view department, class, course, teacher, and student names.
- ➔ Track students and teacher book assignments.
- ➔ Track the condition of textbooks from check-out to check-in.



Testimonials

"Every year cataloging our books became a chore. This was the first year I didn't have to worry about it."

Susan R, Teacher

"This module (Textbook Tracking Module) allowed us to track our textbooks and ensure at the end of the year we got every single book back in the condition they were given."

Julie M, Teacher Assistant

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DEMOGRAPHICS MODULE

The Demographics module is an amazingly flexible, easy-to-use system for managing student and contact information. Quickly produce paper and electronic correspondence, school, district and state reports, student ID cards and much more. Enjoy complete control over individuals' security and access privileges. Customize the module with user-defined edit screens, add hundreds of your own data fields with validation, set up your own filters, reports and labels. Maintain and easily access complete student histories.

- ➔ Personal information – unlimited number of fields for student information.
- ➔ Contacts – unlimited number of contacts and relationships.
- ➔ Custody information.
- ➔ Medical and physician information.
- ➔ Complete discipline information tracking and reporting.
- ➔ Student schedule viewed online.
- ➔ Student activity tracking.
- ➔ Student calendar.
- ➔ Locker information.
- ➔ Mailing labels.
- ➔ Unlimited user-defined fields.
- ➔ Enables you to store everything from activities, to assessments, to data mandated by your state.
- ➔ Validated data entry ensures consistency and accuracy.
- ➔ Convenient family unit management system keeps contact information in-sync among siblings.
- ➔ View informative student profiles with picture and emergency contact information.
- ➔ Fast, easy access to your most frequent tasks without adding extra clicks.



Testimonials

"We scheduled our classes and students in little time compared to our old system which took months."

Michelle H, Administration

"Scheduling classes this year will take me hours saving me time that I can now spend on other tasks that require my attention."

Robert S, Administration

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STATE AND FOUNDATIONAL REPORTING MODULE

ISMS reporting capabilities are unsurpassed in the industry. Our fully customizable built-in reports enable your school to produce the exact report you need - whether your staff needs a letter, notice, report card, statistical report, or other document. We know that robust report writing and statistical reporting is crucial to effective school management and security. Therefore ISMS makes top of the line report writing a priority.

- ➔ Quickly generate the student information reports required by your state DOE.
- ➔ ASSA report.
- ➔ Student by Program report.
- ➔ PIMS reporting.
- ➔ Attendance report.
- ➔ Lunch report.
- ➔ Bill Gates Foundation reporting.
- ➔ Customized reports upon request.
- ➔ Easily export files for electronic transfer to the state – in the exact format they require.
- ➔ Easily import data returned to you from the state (i.e. state assigned Student ID numbers).
- ➔ Enables you to store everything from activities, to assessments, to data mandated by your state
- ➔ Validated data entry ensures consistency and accuracy
- ➔ Convenient family unit management system keeps contact information in-sync among siblings
- ➔ View informative student profiles with picture and emergency contact information
- ➔ Fast, easy access to your most frequent tasks without adding extra clicks

Summary Report for End of Year			
Location: LA Academics			
Grade: 000			
Program Code: 00			
Number of Days in Session	182.00	Possible # of days attendance	3004.00
Total Number of days present	3000.00	Total Number of days absent	20.00
Average daily enrollment	17.00	Average daily attendance	17.00
Average daily tardies	0.00	Average daily absences	0.00
Percent of period attendance	99.00	Enrollment on last day	17.00
Grade: 101			
Program Code: 00			
Number of Days in Session	182.00	Possible # of days attendance	3270.00
Total Number of days present	3247.00	Total Number of days absent	20.00
Average daily enrollment	18.00	Average daily attendance	18.00
Average daily tardies	0.00	Average daily absences	0.00
Percent of period attendance	99.00	Enrollment on last day	18.00
Grade: 000			
Program Code: 00			
Number of Days in Session	182.00	Possible # of days attendance	1990.00
Total Number of days present	1970.00	Total Number of days absent	14.00
Average daily enrollment	11.00	Average daily attendance	11.00
Average daily tardies	0.00	Average daily absences	0.00
Percent of period attendance	99.00	Enrollment on last day	11.00
Grade: 000			
Program Code: 00			
Number of Days in Session	182.00	Possible # of days attendance	3490.00
Total Number of days present	3420.00	Total Number of days absent	30.00
Average daily enrollment	19.00	Average daily attendance	19.00
Average daily tardies	0.00	Average daily absences	0.00
Percent of period attendance	99.00	Enrollment on last day	19.00
Grade: 010			
Program Code: 00			

Testimonials

"ISMS continues to set the pace where PIMS is concerned! It works well and we couldn't be happier."

Lindsay W, Administration

"When we needed customized reports they were done on time and looked great."

Daniel W, Administration

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SYSTEM REQUIREMENTS AND DATA SECURITY

ISMS is available for installation on your local server for access by users on your local network which is perfect for schools who already have the infrastructure in place or can be hosted on our secure servers for schools who lack the infrastructure for a local installation.

System Requirements for Local Installation include:

MS Access 2000 or later

MS Windows 2000 or later

System Requirements for Hosted Services include:

Users access ISMS through our Citrix Metaframe Presenter using MS Internet Explorer.

To protect your school district's critical data is to understand the value and therefore the risk associated with the loss of that data. SigmaBit Technology, Inc. understands the value and risks of data storage and has leveraged all the technology and resources at our disposal to protect your data in the following ways:

Multi-Level Secure Log In

The primary function of our two-layer login procedure is to authenticate the identity of any computer attempting to access our server's services. The login procedure can also provide an audit trail of the use of the system.

Our two-layer secure log in procedure requires a user to log in with unique credentials through a main portal first. Then, with a completely separate set of unique credentials, the user must log in again to individual modules. In other words, two sets of credentials are required to access your data.

Data Storage

SigmaBit Technology, Inc. hosts your data on our secure data servers located in the Directlink Technology building. This state-of-the-art server room is equipped with climate control, redundant power supplies, secure locked equipment rooms with area specific access/entry control, fire suppression systems, and full time guard service. Access to this data requires users to log in to access any files.

Data Back-Up

Scheduled back-up archives are performed daily and are stored at a remote location for further protection.

SSL Encryption

Secure Socket Layers (SSL) are cryptographic protocols that provide secure communications on the Internet for such things as web browsing, e-mail, Internet faxing, VOIP, Instant Messaging and other data transfers.

The connection made between your computers and our servers uses SSL encryption to guarantee the security of your data.



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CUSTOMER SUPPORT SERVICES



At SigmaBit Technology, Inc. we are committed to providing a variety of comprehensive services for your Regal© fund accounting solution, from installation and training to ongoing technical support. We believe that quality customer care is one of the most important aspects of what we do at SigmaBit Technology, Inc. We want to be a trusted advisor, coach and supporter.

You can depend on our customer support department to solve problems quickly. Our goal is to resolve any issue on the same call and most issues are resolved in the same day!

SigmaBit Technology, Inc. continually strives to be more than just a vendor; we want to be the company you partner with!

Support is available to our customers Monday-Friday 8:30am - 5:00pm EST.

For any questions about our Customer Support Department and the services they provide please contact them at:

SigmaBit Technology, Inc. Customer Support Department
2561 Bernville Road
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Fax: 1.484.331.1079
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